

chymosin.final.ST25
SEQUENCE LISTING

<110> Sudershan Biotech
<120> Recombinant calf chymosin and a process for producing the same
<130> PCT0602
<140> PCT/IN2004/000074
<141> 2004-03-30
<160> 6
<170> PatentIn version 3.3
<210> 1
<211> 366
<212> PRT
<213> calf
<400> 1

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Lys Ala Leu Lys Glu His Gly Leu Leu Glu Asp Phe Leu Gln Lys Gln
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35 40 45

Val Pro Leu Thr Asn Tyr Leu Asp Ser Gln Tyr Phe Gly Lys Ile Tyr
50 55 60

Leu Gly Thr Pro Pro Gln Glu Phe Thr Val Leu Phe Asp Thr Gly Ser
65 70 75 80

Ser Asp Phe Trp Val Pro Ser Ile Tyr Cys Lys Ser Asn Ala Cys Lys
85 90 95

Asn His Gln Arg Phe Asp Pro Arg Lys Ser Ser Thr Phe Gln Asn Leu
100 105 110

Gly Lys Pro Leu Ser Ile His Tyr Gly Thr Gly Ser Met Gln Gly Ile
115 120 125

Leu Gly Tyr Asp Thr Val Thr Val Ser Asn Ile Val Asp Ile Gln Gln
130 135 140

Thr Gly Gly Leu Ser Thr Gln Glu Pro Gly Asp Val Phe Thr Tyr Ala
145 150 155 160

Glu Phe Asp Gly Ile Leu Gly Met Ala Tyr Pro Ser Leu Ala Ser Glu
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165

170

175

Tyr Ser Ile Pro Val Phe Asp Asn Met Met Asn Arg His Leu Val Ala
180 185 190

Gln Asp Leu Phe Ser Val Tyr Met Asp Arg Asn Gly Gln Glu Ser Met
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Leu Thr Leu Gly Ala Ile Asp Pro Ser Tyr Tyr Thr Gly Ser Leu His
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Trp Val Pro Val Thr Val Gln Gln Tyr Trp Gln Phe Thr Val Asp Ser
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Val Thr Ile Ser Gly Val Val Val Ala Cys Glu Gly Gly Cys Gln Ala
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Ile Leu Asp Thr Gly Thr Ser Lys Leu Val Gly Pro Ser Ser Asp Ile
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Leu Asn Ile Gln Gln Ala Ile Gly Ala Thr Gln Asn Gln Tyr Asp Glu
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Phe Asp Ile Asp Cys Asn Asn Leu Ser Tyr Met Pro Thr Val Val Phe
290 295 300

Glu Ile Asn Gly Lys Met Tyr Pro Leu Thr Pro Ser Ala Tyr Thr Ser
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Gln Asp Gln Gly Phe Cys Thr Ser Gly Phe Gln Ser Glu Asn His Ser
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[AMENDED SHEETS]

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[AMENDED SHEETS]

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39

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<223> reverse primer containing Hind III site

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34

[AMENDED SHEETS]